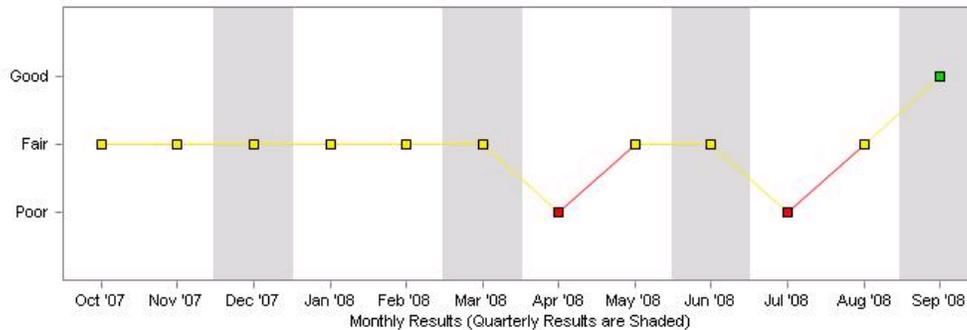


# Rhode Island: Overall State Rating Report

Monthly Results as of : September 26, 2008

Considers all seven SSDQ measures and the Overriding Indicator, except measures with a rating of "Insufficient Data." States receive an overall score based on ratings in each of the measures and the Overriding Indicator. [\(View Methodology\)](#)

Rhode Island: Overall State Rating



Rhode Island: Overall State Rating

Monthly Results	MCMIS Run Date	Overall State Rating	State Data Quality Measures								Overriding Indicator *
			Crash					Inspection			
			Crash Record Completeness	Non-Fatal Crash Completeness	Fatal Crash Completeness	Crash Timeliness	Crash Accuracy	Inspection Timeliness	Inspection Accuracy	Crash Consistency	
Sep '08	9/26/2008	G	G	G	G	G	G	G	G	No Flag	
Aug '08	8/22/2008	Y	R	G	G	G	G	G	G	No Flag	
Jul '08	7/25/2008	R	R	G	G	G	R	G	G	No Flag	
Jun '08	6/20/2008	Y	R	G	G	Y	G	G	G	No Flag	
May '08	5/23/2008	Y	R	G	G	Y	G	G	G	No Flag	
Apr '08	4/25/2008	R	R	G	G	Y	R	G	G	No Flag	
Mar '08	3/28/2008	Y	R	G	G	Y	Y	G	G	No Flag	
Feb '08	2/22/2008	Y	R	G	G	Y	Y	G	G	No Flag	
Jan '08	1/25/2008	Y	R	G	G	Y	Y	G	G	No Flag	
Dec '07	12/21/2007	Y	R	G	G	Y	Y	G	G	No Flag	
Nov '07	11/30/2007	Y	R	G	G	Y	G	G	G	No Flag	
Oct '07	10/26/2007	Y	R	G	G	Y	G	G	G	No Flag	

Overall State Rating Description

Rating	Criteria
Good (G)	Minimum of 1 Good AND 0 Poor
Fair (Y)	Maximum of 1 Poor
Poor (R)	2+ Poor OR Red Flagged

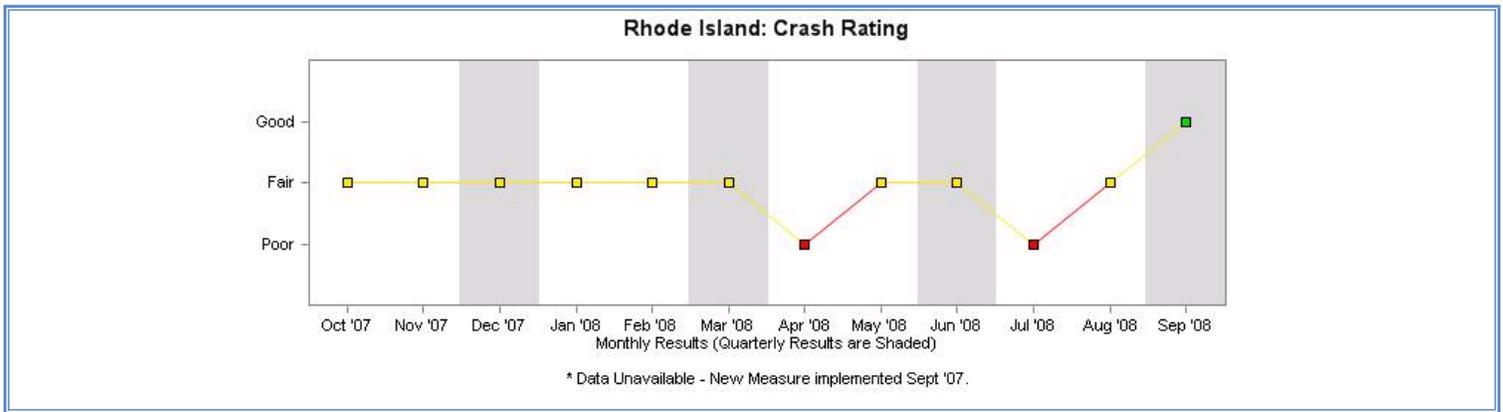
\* States that are red flagged are automatically rated POOR overall.  
N/A: Data Not Available- New Measure implemented Sept '07.

Data Source: FARS records and MCMIS crash and inspection records.

## Rhode Island: Crash Rating Report

### Monthly Results as of : September 26, 2008

Considers the five SSDQ crash measures and the Overriding Indicator, except measures with a rating of "Insufficient Data." States receive an overall score based on ratings in each of the crash measures and the Overriding Indicator. ([View Methodology](#))



Rhode Island: Crash Rating								
Monthly Results	MCMIS Run Date	Crash Rating	State Data Quality Crash Measures					Overriding Indicator *
			Crash Record Completeness	Non-Fatal Crash Completeness	Fatal Crash Completeness	Crash Timeliness	Crash Accuracy	Crash Consistency
Sep '08	9/26/2008	G	G	G	G	G	G	No Flag
Aug '08	8/22/2008	Y	R	G	G	G	G	No Flag
Jul '08	7/25/2008	R	R	G	G	G	R	No Flag
Jun '08	6/20/2008	Y	R	G	G	Y	G	No Flag
May '08	5/23/2008	Y	R	G	G	Y	G	No Flag
Apr '08	4/25/2008	R	R	G	G	Y	R	No Flag
Mar '08	3/28/2008	Y	R	G	G	Y	Y	No Flag
Feb '08	2/22/2008	Y	R	G	G	Y	Y	No Flag
Jan '08	1/25/2008	Y	R	G	G	Y	Y	No Flag
Dec '07	12/21/2007	Y	R	G	G	Y	Y	No Flag
Nov '07	11/30/2007	Y	R	G	G	Y	G	No Flag
Oct '07	10/26/2007	Y	R	G	G	Y	G	No Flag

Rating Criteria		
Rating		Criteria
Good	G	Minimum of 1 Good AND 0 Poor
Fair	Y	Maximum of 1 Poor
Poor	R	2+ Poor OR Red Flagged

\* States that are red flagged are automatically rated POOR overall.

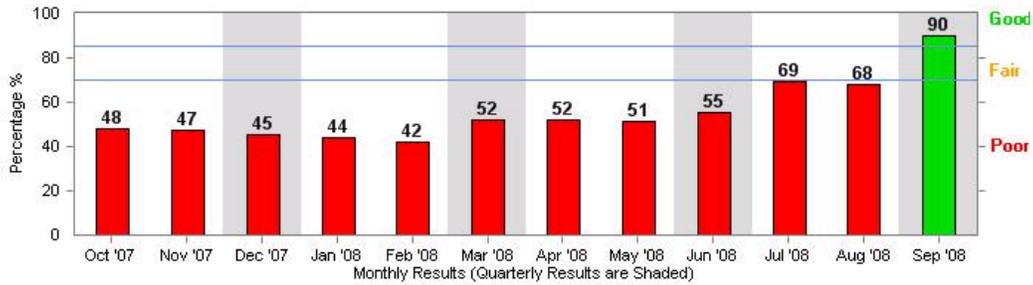
Data Source: FARS records and MCMIS crash records.

# Rhode Island: Crash Record Completeness Measure Report

Monthly Results as of : September 26, 2008

Determines a rating based on the completeness of driver and vehicle crash data reported to FMCSA. ([View Methodology](#)) The completeness of the driver data is determined by the [Driver Identification Completeness Evaluation](#) and the completeness of the vehicle data is determined by the [Vehicle Identification Completeness Evaluation](#).

## Rhode Island: Crash Record Completeness Measure



\* Data Unavailable - New Measure implemented Sept '07.

## Rhode Island: Crash Record Completeness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	Driver Identification Completeness Evaluation	Vehicle Identification Completeness Evaluation	Crash Record Completeness
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	80%	100%	90%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	R	63%	72%	68%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	R	64%	74%	69%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	R	34%	75%	55%
May '08	5/23/2008	3/1/2007 - 2/29/2008	R	23%	78%	51%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	R	22%	81%	52%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	R	21%	82%	52%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	R	0%	84%	42%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	R	0%	88%	44%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	R	0%	90%	45%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	R	0%	94%	47%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	R	0%	96%	48%

## Driver Identification Completeness

Monthly Results	MCMIS Run Date	Crash Records Evaluated	Records with Complete Driver Information		# Records with Driver Information				
			# Records	% Records	License Number	Date of Birth	First Name	Last Name	License Class
Sep '08	9/26/2008	256	204	80%	235	225	235	235	214
Aug '08	8/22/2008	250	158	63%	226	206	226	226	175
Jul '08	7/25/2008	265	169	64%	241	240	241	241	169
Jun '08	6/20/2008	270	93	34%	244	243	244	244	93
May '08	5/23/2008	293	68	23%	264	264	266	266	68
Apr '08	4/25/2008	314	68	22%	286	286	288	289	68
Mar '08	3/28/2008	328	70	21%	298	298	300	301	70
Feb '08	2/22/2008	341	0	0%	310	311	313	314	0
Jan '08	1/25/2008	348	0	0%	317	318	320	321	0
Dec '07	12/21/2007	351	0	0%	323	324	326	327	0
Nov '07	11/30/2007	341	0	0%	315	317	319	320	0
Oct '07	10/26/2007	344	0	0%	319	321	323	324	0

## Vehicle Identification Completeness

Monthly Results	MCMIS Run Date	Crash Records Evaluated	Records with Complete Vehicle Information		# Records with Vehicle Information				
			# Records	% Records	Vehicle Identification #	License Plate #	Vehicle Configuration	Cargo Body Type	GVWR
Sep '08	9/26/2008	256	255	100%	256	256	255	255	256
Aug '08	8/22/2008	250	180	72%	249	250	201	190	233
Jul '08	7/25/2008	265	195	74%	263	265	216	205	248
Jun '08	6/20/2008	270	202	75%	267	270	225	213	254
May '08	5/23/2008	293	229	78%	289	293	252	243	277
Apr '08	4/25/2008	314	254	81%	310	314	276	267	298
Mar '08	3/28/2008	328	270	82%	323	328	292	284	313
Feb '08	2/22/2008	341	286	84%	336	341	307	298	327
Jan '08	1/25/2008	348	305	88%	343	348	323	317	336
Dec '07	12/21/2007	351	315	90%	347	351	331	326	342
Nov '07	11/30/2007	341	319	94%	338	341	331	327	337
Oct '07	10/26/2007	344	329	96%	341	344	337	335	341

Rating Criteria		
Rating		Criteria
Good		Percentage of completed driver and vehicle information is >= 85%
Fair		Percentage of completed driver and vehicle information is 70-84%
Poor		Percentage of completed driver and vehicle information is < 70%

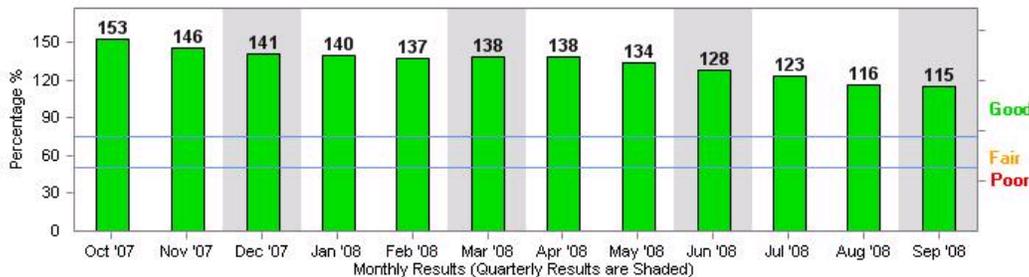
**Data Source:** MCMIS fatal and non-fatal crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

## Rhode Island: Non-Fatal Crash Completeness Measure Report

### Monthly Results as of : September 26, 2008

Determines a rating based on a ratio of reported to predicted non-fatal crash records reported to MCMIS. The number of reported non-fatal crash records was calculated using a 12-month time period that ends six months prior to the MCMIS snapshot date. ([View Methodology](#))

### Rhode Island: Non-Fatal Crash Completeness Measure



\* Data Unavailable - New Measure implemented Sept '07.

### Rhode Island: Non-Fatal Crash Completeness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Rating	Non-Fatal Crash Completeness				Crash Year (FARS)	Fatal Crash Records (FARS) (Used to Predict Non-Fatals)			
			Event Date Range	Predicted Non-Fatals	Reported Non-Fatals	Reported/Predicted		Crash Year - 2	Crash Year - 1	Current Crash Year	Average
Sep '08	9/26/2008	Good	4/1/2007 - 3/31/2008	234	269	115%	2007	1	10	8	6
Aug '08	8/22/2008	Good	3/1/2007 - 2/29/2008	249	288	116%	2006	6	1	10	6
Jul '08	7/25/2008	Good	2/1/2007 - 1/31/2008	249	306	123%	2006	6	1	10	6
Jun '08	6/20/2008	Good	1/1/2007 - 12/31/2007	249	319	128%	2006	6	1	10	6
May '08	5/23/2008	Good	12/1/2006 - 11/30/2007	249	334	134%	2006	6	1	10	6
Apr '08	4/25/2008	Good	11/1/2006 - 10/31/2007	249	343	138%	2006	6	1	10	6
Mar '08	3/28/2008	Good	10/1/2006 - 9/30/2007	249	344	138%	2006	6	1	10	6
Feb '08	2/22/2008	Good	9/1/2006 - 8/31/2007	249	341	137%	2006	6	1	10	6
Jan '08	1/25/2008	Good	8/1/2006 - 7/31/2007	249	349	140%	2006	6	1	10	6
Dec '07	12/21/2007	Good	7/1/2006 - 6/30/2007	249	352	141%	2006	6	1	10	6
Nov '07	11/30/2007	Good	6/1/2006 - 5/31/2007	249	363	146%	2006	6	1	10	6
Oct '07	10/26/2007	Good	5/1/2006 - 4/30/2007	249	382	153%	2006	6	1	10	6

#### Rating Criteria

Rating	Criteria
Good	Percentage of non-fatal crash records reported is >= 75%
Fair	Percentage of non-fatal crash records reported is 50-75%
Poor	Percentage of non-fatal crash records reported is < 50%
Insufficient Data	State has < 15 average # of fatal crash records AND percentage of non-fatal crash records reported is < 50%

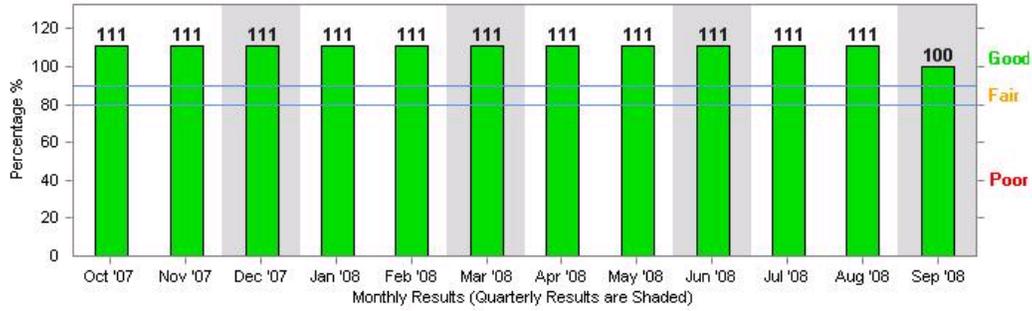
**Data Source:** MCMIS crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

## Rhode Island: Fatal Crash Completeness Measure Report

### Monthly Results as of : September 26, 2008

Determines a rating based on a comparison of the number of State-reported fatal crash records in MCMIS to the number of fatal crash records reported in FARS. ([View Methodology](#))

### Rhode Island: Fatal Crash Completeness Measure



### Rhode Island: Fatal Crash Completeness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Rating	Fatal Crash Year	Fatal Crash Records		
				FARS	MCMIS	MCMIS as a % of FARS
Sep '08	9/26/2008	<span style="color: green;">G</span>	2007	6	6	100%
Aug '08	8/22/2008	<span style="color: green;">G</span>	2006	9	10	111%
Jul '08	7/25/2008	<span style="color: green;">G</span>	2006	9	10	111%
Jun '08	6/20/2008	<span style="color: green;">G</span>	2006	9	10	111%
May '08	5/23/2008	<span style="color: green;">G</span>	2006	9	10	111%
Apr '08	4/25/2008	<span style="color: green;">G</span>	2006	9	10	111%
Mar '08	3/28/2008	<span style="color: green;">G</span>	2006	9	10	111%
Feb '08	2/22/2008	<span style="color: green;">G</span>	2006	9	10	111%
Jan '08	1/25/2008	<span style="color: green;">G</span>	2006	9	10	111%
Dec '07	12/21/2007	<span style="color: green;">G</span>	2006	9	10	111%
Nov '07	11/30/2007	<span style="color: green;">G</span>	2006	9	10	111%
Oct '07	10/26/2007	<span style="color: green;">G</span>	2006	9	10	111%

#### Rating Criteria

Rating	Criteria
Good	<span style="color: green;">G</span> MCMIS as a % of FARS is >= 90%
Fair	<span style="color: yellow;">Y</span> MCMIS as a % of FARS is 80-89%
Poor	<span style="color: red;">R</span> MCMIS as a % of FARS is < 80%
Insufficient data	<span style="color: grey;">I</span> State has < 15 FARS records <b>AND</b> MCMIS as a % of FARS is < 80%

**Data Source:** FARS records and MCMIS crash records that represent interstate and intrastate carriers and include **large truck** vehicle type involved in fatal crashes.

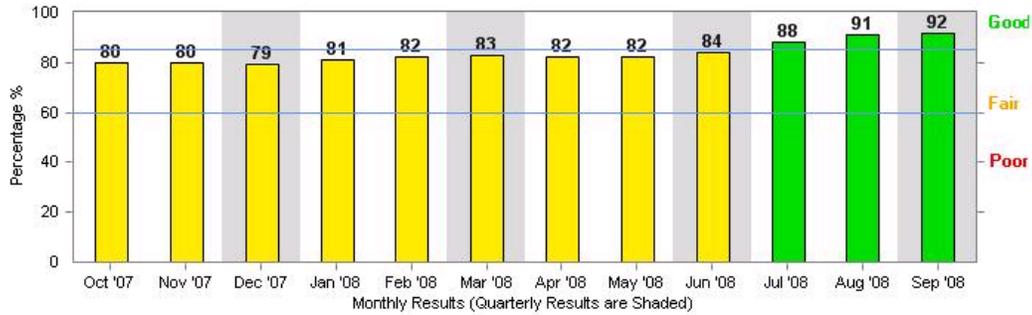
# Rhode Island: Crash Timeliness Measure Report

Monthly Results as of : September 26, 2008

Determines a rating based on the percentage of crash records reported to FMCSA within 90 days over a 12-month period. ([View Methodology](#))

**NEW** [More Detailed Analysis for this Measure](#)

## Rhode Island: Crash Timeliness Measure



## Rhode Island: Crash Timeliness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & Intrastate Crash Records	# Records Reported w/in 90 Days	% Records Reported w/in 90 Days
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	Good	256	235	92%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Good	250	228	91%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Good	265	233	88%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Fair	270	226	84%
May '08	5/23/2008	3/1/2007 - 2/29/2008	Fair	293	240	82%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Fair	314	257	82%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	Fair	328	271	83%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	Fair	341	279	82%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	Fair	348	281	81%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	Fair	351	278	79%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	Fair	341	272	80%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	Fair	344	274	80%

### Rating Criteria

Rating	Criteria
Good	Percentage reported within 90 Days is >= 85%
Fair	Percentage reported within 90 Days is 60-84%
Poor	Percentage reported within 90 Days is < 60%
Insufficient data	State has < 15 records reported in current timeframe AND percentage reported within 90 Days is < 60%

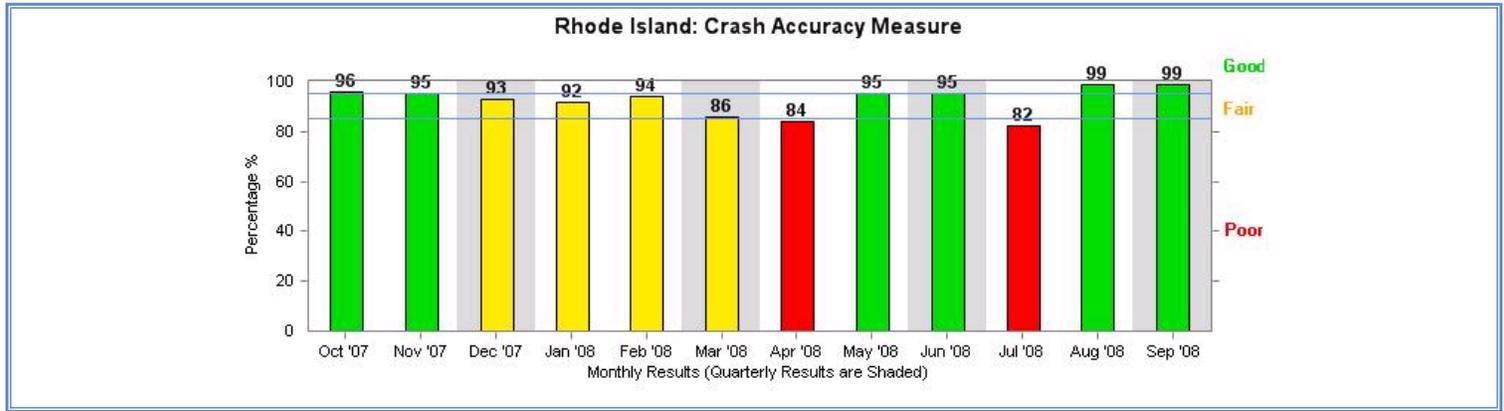
Data Source: MCMIS fatal and non-fatal crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

## Rhode Island: Crash Accuracy Measure Report

### Monthly Results as of : September 26, 2008

Determines a rating based on the percentage of crash records reported by the State over a 12-month period that were matched to a company registered in MCMIS. ([View Methodology](#))

**NEW** [More Detailed Analysis for this Measure](#)



Rhode Island: Crash Accuracy Measure										<a href="#">Download Data</a>
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & HM Intrastate Crash Records	# UnMatched Records	% UnMatched Records	# Matched Records	% Matched Records		
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	<span style="color: green;">G</span>	223	3	1%	220	99%		
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	<span style="color: green;">G</span>	210	2	1%	208	99%		
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	<span style="color: red;">R</span>	232	42	18%	190	82%		
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	<span style="color: green;">G</span>	234	11	5%	223	95%		
May '08	5/23/2008	3/1/2007 - 2/29/2008	<span style="color: green;">G</span>	251	12	5%	239	95%		
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	<span style="color: red;">R</span>	274	43	16%	231	84%		
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	<span style="color: yellow;">Y</span>	276	38	14%	238	86%		
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	<span style="color: yellow;">Y</span>	283	16	6%	267	94%		
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	<span style="color: yellow;">Y</span>	292	23	8%	269	92%		
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	<span style="color: yellow;">Y</span>	289	20	7%	269	93%		
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	<span style="color: green;">G</span>	275	14	5%	261	95%		
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	<span style="color: green;">G</span>	270	12	4%	258	96%		

Rating Criteria	
Rating	Criteria
Good	<span style="color: green;">G</span> Percentage of matched records is >= 95%
Fair	<span style="color: yellow;">Y</span> Percentage of matched records is 85-94%
Poor	<span style="color: red;">R</span> Percentage of matched records is < 85%
Insufficient data	<span style="color: gray;">I</span> State has < 15 records reported in current timeframe AND percentage of matched records is < 85%

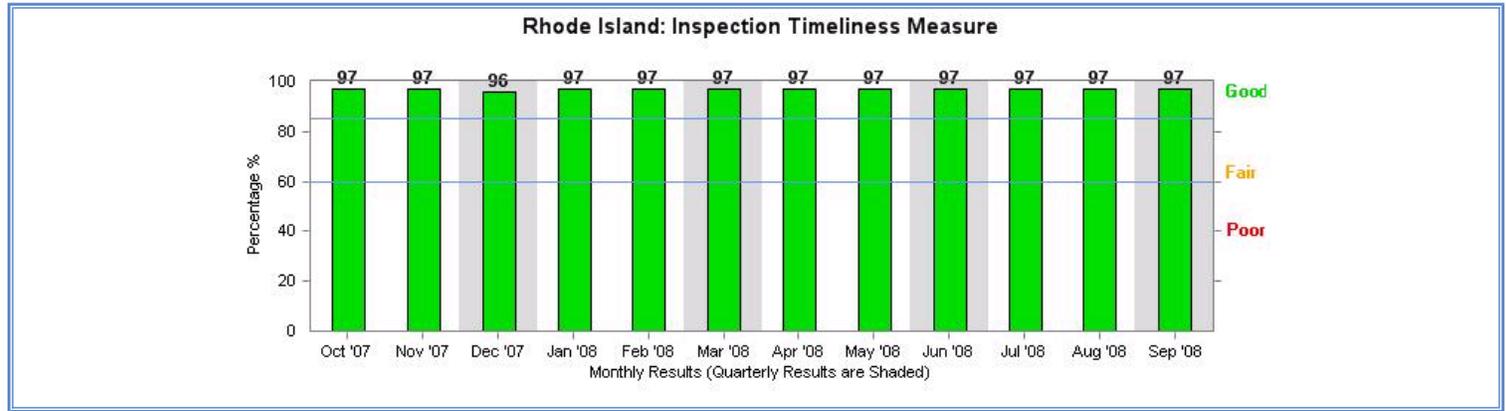
**Data Source:** MCMIS fatal and non-fatal crash records for 12 months that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types. (Excludes crash records entered per FMCSA's "Procedures for Entering Crashes without Carrier Identification into SAFETYNET")

## Rhode Island: Inspection Timeliness Measure Report

Monthly Results as of : September 26, 2008

Determines a rating based on the percentage of inspection records reported to FMCSA within 21 days over a 12-month period. ([View Methodology](#))

**NEW** [More Detailed Analysis for this Measure](#)



Rhode Island: Inspection Timeliness Measure							<a href="#">Download Data</a>
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & Intrastate Inspection Records	# Records Reported w/in 21 Days	% Records Reported w/in 21 Days	
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	3,592	3,482	97%	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	3,587	3,477	97%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	3,645	3,539	97%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	3,719	3,592	97%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	3,850	3,722	97%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	3,890	3,767	97%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	3,897	3,770	97%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	3,933	3,805	97%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	4,124	3,988	97%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	4,032	3,886	96%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	4,037	3,900	97%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	4,143	4,010	97%	

Rating Criteria		
Rating		Criteria
Good	G	Percentage reported within 21 Days is >= 85%
Fair	Y	Percentage reported within 21 Days is 60-84%
Poor	R	Percentage reported within 21 Days is < 60%

**Data Source:** MCMIS inspection records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

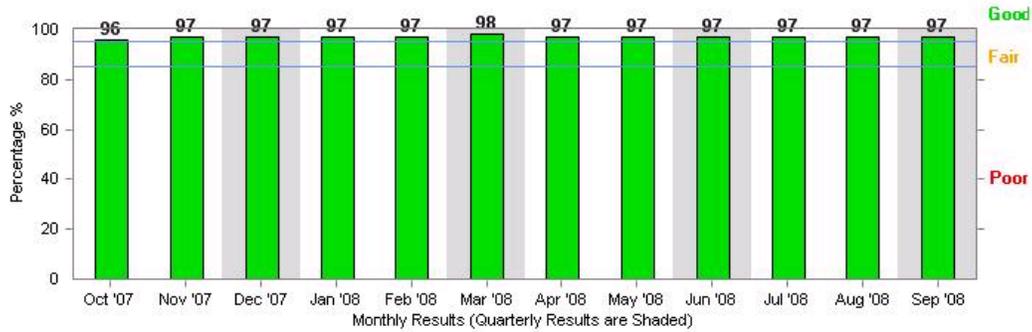
## Rhode Island: Inspection Accuracy Measure Report

### Monthly Results as of : September 26, 2008

Determines a rating based on the percentage of inspection records reported by the States over a 12-month period that were matched to a company registered in MCMIS. ([View Methodology](#))

**NEW** [More Detailed Analysis for this Measure](#)

### Rhode Island: Inspection Accuracy Measure



### Rhode Island: Inspection Accuracy Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & HM Intrastate Inspection Records	# UnMatched Records	% UnMatched Records	# Matched Records	% Matched Records
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	Good	3,206	86	3%	3,120	97%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Good	3,202	87	3%	3,115	97%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Good	3,262	90	3%	3,172	97%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Good	3,314	93	3%	3,221	97%
May '08	5/23/2008	3/1/2007 - 2/29/2008	Good	3,433	98	3%	3,335	97%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Good	3,460	95	3%	3,365	97%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	Good	3,458	85	2%	3,373	98%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	Good	3,473	102	3%	3,371	97%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	Good	3,645	115	3%	3,530	97%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	Good	3,572	111	3%	3,461	97%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	Good	3,585	125	3%	3,460	97%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	Good	3,679	148	4%	3,531	96%

#### Rating Criteria

Rating	Criteria
Good	Percentage of matched records is >= 95%
Fair	Percentage of matched records is 85-94%
Poor	Percentage of matched records is < 85%

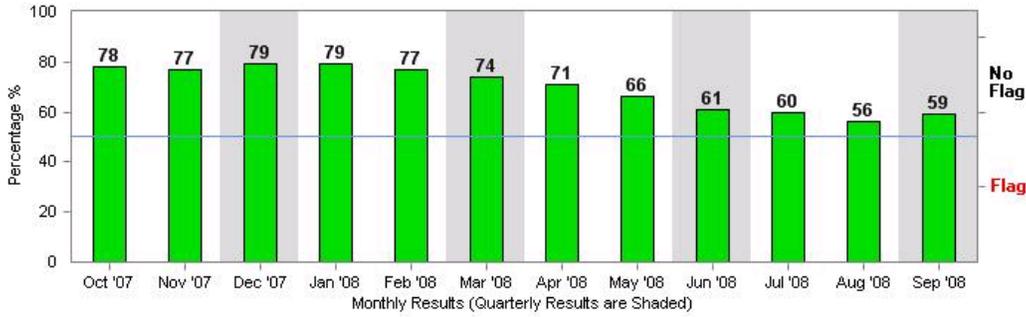
**Data Source:** MCMIS inspection records for 12 months that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types.

## Rhode Island: Crash Consistency Indicator Report

### Monthly Results as of : September 26, 2008

Indicates States that have reported less than 50% of non-fatal crash records for the current 12-month period compared to the yearly average, based on the previous 36-months. [\(View Methodology\)](#)

### Rhode Island: Crash Consistency Overriding Indicator



### Rhode Island: Crash Consistency Overriding Indicator

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	Year 1	Year 2	Year 3	Avg # Records over Previous 3 Years	Total # Records for Date Range	Estimate Reported for Date Range
				Date Range -3 Years	Date Range -2 Years	Date Range -1 Year			
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	No Flag	461	468	353	427	251	59%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	No Flag	478	466	363	436	245	56%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	No Flag	462	456	382	433	260	60%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	No Flag	450	461	395	435	265	61%
May '08	5/23/2008	3/1/2007 - 2/29/2008	No Flag	446	473	393	437	287	66%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	No Flag	428	485	388	434	308	71%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	No Flag	415	487	400	434	321	74%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	No Flag	415	471	424	437	335	77%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	No Flag	405	466	430	434	341	79%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	No Flag	397	461	442	433	343	79%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	No Flag	384	451	463	433	334	77%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	No Flag	363	464	463	430	336	78%

### Rating Criteria

Rating		Criteria
No Flag	No Flag	Estimated Reported is >= 50%
Flag	🚩	Estimated Reported is < 50%
Insufficient data	ⓘ	State has < 15 records reported in current timeframe AND State has < 15 records reported in previous 3 year average AND Estimate Reported is <= 50%

**Data Source:** MCMIS non-fatal crash records for 12 months (plus 36 months prior average) that represent interstate and intrastate carriers and includes large truck and bus vehicle types.



## Methodology for State Safety Data Quality (SSDQ)

(Results as of: September 26, 2008)

[Definitions](#)

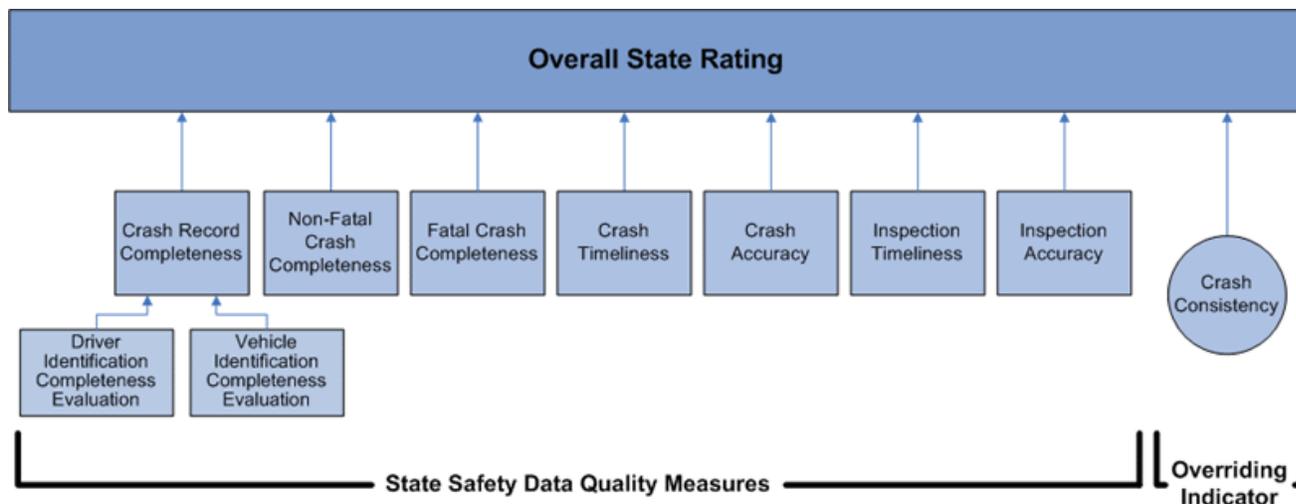
[Revision Notes](#)

The **Methodology for State Safety Data Quality (SSDQ)** was developed by FMCSA to evaluate the completeness, timeliness, accuracy, and consistency of the State-reported commercial motor vehicle crash and inspection records in the Motor Carrier Management Information System (MCMIS). The SSDQ evaluation uses a 12-month time period that ends three months prior to the MCMIS snapshot for each measure, unless otherwise stated in the rating description. Crash and inspection records were used in this evaluation if the date of the event occurred within the 12-month time period, not when the records were uploaded to MCMIS. The quality of this data is evaluated with each monthly snapshot and the States receive ratings of "Good," "Fair," or "Poor" for seven SSDQ Measures. Based on these individual ratings, plus the Overriding Indicator, each State receives an Overall State Rating. States also receive a Crash Rating that considers only the SSDQ Crash Measures and the Overriding Indicator. The methodology used to determine these ratings is provided below.

<b><u>Overall State Rating</u></b>	<b><u>Crash Rating</u></b>
<b>State Safety Data Quality Measures</b>	<b>State Safety Data Quality Measures</b>
<i>Crash</i>	<i>Crash</i>
1. <a href="#">Crash Record Completeness</a>	1. <a href="#">Crash Record Completeness</a>
a. <a href="#">Driver Identification</a>	a. <a href="#">Driver Identification</a>
b. <a href="#">Vehicle Identification</a>	b. <a href="#">Vehicle Identification</a>
2. <a href="#">Non-Fatal Crash Completeness</a>	2. <a href="#">Non-Fatal Crash Completeness</a>
3. <a href="#">Fatal Crash Completeness</a>	3. <a href="#">Fatal Crash Completeness</a>
4. <a href="#">Crash Timeliness</a>	4. <a href="#">Crash Timeliness</a>
5. <a href="#">Crash Accuracy</a>	5. <a href="#">Crash Accuracy</a>
<i>Inspection</i>	
6. <a href="#">Inspection Timeliness</a>	
7. <a href="#">Inspection Accuracy</a>	
<b>Overriding Indicator</b>	<b>Overriding Indicator</b>
1. <a href="#">Crash Consistency</a>	1. <a href="#">Crash Consistency</a>

## State Safety Data Quality Ratings

**Overall State Rating:** Considers all seven SSDQ measures and the Overriding Indicator, except measures with a rating of "Insufficient Data." States receive an overall score based on ratings in each of the measures and the Overriding Indicator. A State that has received a "red flag" will be automatically rated "Poor". A State with at least one "Good" measure and no "Poor" measures receives a "Good" rating. A State with only one "Poor" measure will receive a "Fair" rating, and any State with two or more "Poor" measures will receive a "Poor" rating. (See image below.)



The Overall State Rating is determined as follows:

Rating	Criteria
Good	 Minimum of 1 Good <b>AND</b> 0 Poor
Fair	 Maximum of 1 Poor
Poor	 2+ Poor <b>OR</b> Red Flagged

\* States that are red flagged are automatically rated POOR overall.

**Crash Rating:** Considers the five SSDQ crash measures and the Overriding Indicator, except measures with a rating of "Insufficient Data." States receive an overall score based on ratings in each of the crash measures and the Overriding Indicator. A State that has received a "red flag" will be automatically rated "Poor". A State with at least one "Good" measure and no "Poor" measures receives a "Good" rating. A State with only one "Poor" measure will receive a "Fair" rating, and any State with two or more "Poor" measures will receive a "Poor" rating. (See image below.)



The Crash Rating is determined as follows:

Rating		Criteria
Good	<b>G</b>	Minimum of 1 Good <b>AND</b> 0 Poor
Fair	<b>Y</b>	Maximum of 1 Poor
Poor	<b>R</b>	2+ Poor <b>OR</b> Red Flagged

\* States that are red flagged are automatically rated POOR overall.

### State Safety Data Quality Measures: *Crash*

#### **Crash Record Completeness:** Average of Driver and Vehicle Identification Completeness Evaluations

The Crash Record Completeness Measure evaluates fatal and non-fatal crash records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This measure determines a rating based on the completeness of driver and vehicle crash data reported to FMCSA. A State's rating is determined by evaluating the completeness of the driver data and vehicle data separately and then averaging these results together. The completeness of the driver data is determined by the **Driver Identification Completeness Evaluation** and the completeness of the vehicle data is determined by the **Vehicle Identification Completeness Evaluation**.



#### **Driver Identification Completeness Evaluation**

This evaluation determines the percentage of State-reported **fatal and non-fatal** crash records in the MCMIS database with complete driver information (i.e., the number of crash records with complete driver information divided by the number of crash records reported) over a 12-month time period. A State-reported crash record is considered complete when the following information is provided: driver license number, driver date-of-birth, driver first name, driver last name, and license class. If **any** of this information is missing, a record is considered incomplete.

#### **Vehicle Identification Completeness Evaluation**

This evaluation determines the percentage of State-reported **fatal and non-fatal** crash records in the MCMIS database with complete vehicle information (i.e., the number of crash records with complete vehicle information divided by the number of crash records reported) over a 12-month time period. A State-reported crash record is considered complete when the following information is provided: vehicle identification number, license plate number, vehicle configuration, cargo body type, and gross vehicle weight rating. If **any** of this information is missing, a record is considered incomplete.

The Crash Record Completeness rating is determined as follows:

Rating		Criteria
Good	<b>G</b>	Percentage of completed driver and vehicle information is $\geq 85\%$
Fair	<b>Y</b>	Percentage of completed driver and vehicle information is 70 - 84%
Poor	<b>R</b>	Percentage of completed driver and vehicle information is $< 70\%$

**Non-Fatal Crash Completeness:** *Percentage of Non-Fatal Crash Records Reported*

The Non-Fatal Crash Completeness Measure evaluates crash records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This measure determines a rating based on a ratio of reported to predicted non-fatal crash records reported to MCMIS. The number of reported non-fatal crash records was calculated using a 12-month time period that ends **six months** prior to the MCMIS snapshot date.

A statistical model was developed using data from eight States to predict the number of non-fatal reportable crash involvements. A three-year average of fatal crash records was entered into this model to derive the predicted non-fatal crash record values. Due to the inherent variability of crash data reporting by individual States, the Non-Fatal Crash Completeness Measure is intended to serve as a guideline to assess whether a State's non-fatal crash reporting falls within an expected range, as determined by the model.

As data from more States become available for analysis, the sample size for the model will increase, which should result in more precise predictions.

The percent non-fatal crash completeness is determined by dividing the number of reported non-fatal crash records by the number of predicted non-fatal crash records:

$$\% \text{ Non-Fatal Crash Completeness} = \frac{\# \text{ Reported Non-Fatals}}{\# \text{ Predicted Non-Fatals}}$$

The Non-Fatal Crash Completeness rating is determined as follows:

Rating		Criteria
Good		Percentage of non-fatal crash records reported is >= 75%
Fair		Percentage of non-fatal crash records reported is 50 - 74%
Poor		Percentage of non-fatal crash records reported is < 50%
Insufficient Data		State has < 15 average # of fatal crash records <b>AND</b> Percentage of non-fatal crash records reported is < 50%

**Fatal Crash Completeness:** *Percentage of Fatal Crash Records Reported*

The Fatal Crash Completeness Measure evaluates only those records that represent **large trucks** involved in fatal crashes that occurred within the calendar year. This measure determines a rating based on a comparison of the **number** of State-reported fatal crash records in MCMIS to the **number** of fatal crash records reported in the Fatality Analysis Reporting System (FARS). FARS is the national database of fatal motor vehicle crashes maintained by the National Highway Traffic Safety Administration (NHTSA).

The Fatal Crash Completeness rating is determined as follows:

Rating		Criteria
Good		MCMIS as a % of FARS is >= 90%
Fair		MCMIS as a % of FARS is 80 - 89%
Poor		MCMIS as a % of FARS is < 80%
Insufficient Data		State has < 15 FARS records <b>AND</b> MCMIS as a % of FARS is < 80%

**Crash Timeliness:** *Percentage of Crash Records Reported within 90 Days*

The Crash Timeliness Measure evaluates fatal and non-fatal crash records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This measure determines a rating based on the percentage of crash records reported to FMCSA within 90 days over a 12-month period.

The Crash Timeliness rating is determined as follows:

Rating		Criteria
Good		Percentage reported within 90 Days is >= 85%
Fair		Percentage reported within 90 Days is 60 - 84%
Poor		Percentage reported within 90 Days is < 60%
Insufficient Data		State has < 15 records reported in current timeframe <b>AND</b> percentage reported within 90 Days is < 60%

**Crash Accuracy:** *Percentage of Matched Crash Records*

The Crash Accuracy Measure evaluates fatal and non-fatal crash records that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types. This measure determines a rating based on the percentage of crash records reported by the State over a 12-month period that were matched to a company registered in MCMIS. (Crash records entered per FMCSA's "[Procedures for Entering Crashes without Carrier Identification into SAFETYNET](#)" are not evaluated by this measure.)

The Crash Accuracy rating is determined as follows:

Rating		Criteria
Good		Percentage of matched records is >= 95%
Fair		Percentage of matched records is 85 - 94%
Poor		Percentage of matched records is < 85%
Insufficient Data		State has < 15 records reported in current timeframe <b>AND</b> percentage of matched records is < 85%

**State Safety Data Quality Measures: Inspection**

**Inspection Timeliness:** *Percentage of Inspection Records Reported within 21 Days*

The Inspection Timeliness Measure evaluates inspection records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This measure determines a rating based on the percentage of inspection records reported to FMCSA within 21 days over a 12-month period.

The Inspection Timeliness rating is determined as follows:

Rating		Criteria
Good		Percentage reported within 21 Days is >= 85%
Fair		Percentage reported within 21 Days is 60 - 84%
Poor		Percentage reported within 21 Days is < 60%

**Inspection Accuracy:** *Percentage of Matched Inspection Records*

The Inspection Accuracy Measure evaluates inspection records that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types. This measure determines a rating based on the percentage of inspection records reported by the States over a 12-month period that were matched to a company registered in MCMIS.

The Inspection Accuracy rating is determined as follows:

Rating		Criteria
Good		Percentage of matched records is >= 95%
Fair		Percentage of matched records is 85 - 94%
Poor		Percentage of matched records is < 85%

**Overriding Indicator**

**Crash Consistency\*:** *Percentage of State-Reported Non-Fatal Crash Records*

The Crash Consistency Overriding Indicator evaluates non-fatal crash records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This "red flag" indicates States that have reported less than 50% of non-fatal crash records for the current 12-month period compared to the yearly average, based on the previous 36-months.

The Crash Consistency Overriding Indicator "flag" is determined as follows:

Rating		Criteria
No Flag		Estimate Reported is >= 50%
Red Flag		Estimate Reported is < 50%
Insufficient Data		State has < 15 records reported in current timeframe <b>AND</b> State has < 15 records reported in previous 3 year average <b>AND</b> Estimate Reported is <= 50%

\* States that have an obvious and significant decline in crash record reporting will be categorized as Poor in the Overall State Rating and Crash Rating, without regard to their rating on other measures.

---

**Definitions:**

*Large truck:* Any truck having a gross vehicle weight rating (GVWR) of more than 10,000 pounds or a gross combination weight rating (GCWR) over 10,000 pounds.

*Bus:* A motor vehicle with seats for at least nine (9) people, including the driver's seat.

*Interstate Carrier:* Carriers that transport a commodity outside the state of its place of business.

*Intrastate Carrier:* Carriers that transport a commodity only within the state of its place of business.

*Fatal Crash:* A crash where one or more persons dies within 30 days of the crash. The fatality does not have to occur at the scene of the crash. It includes any person involved in the crash, including pedestrians and bicyclists, as well as occupants of the passenger cars and trucks.

*Non-fatal crash:* A crash where one or more persons has non-fatal injuries requiring transportation by a vehicle for the purpose of obtaining immediate medical attention; or one or more of the vehicles were towed away from the scene due to "disabling damage". The towed vehicle need not be the truck involved in the crash.

---

**Revision Notes:** Improvements or changes made to the "State Safety Data Quality" methodology are documented below.

*October 30, 2007*

The SSDQ Overall State Rating methodology has changed. It now includes the Crash Record Completeness Measure and the Non-Fatal Crash Completeness Measure. A Crash Rating has been developed to evaluate only crash data quality.

*June 23, 2006*

The Crash Accuracy Measure has changed. The crash accuracy analysis will now exclude all "Carrier Non-Identifiable" crash records. Changing this analysis will prevent records that are entered using FMCSA's guidelines on entering crash records without carrier identification from being included in the calculation of a State's accuracy measure.

*March 31, 2006*

The Crash and Inspection Timeliness Measure has changed. The timeliness analysis will now include "all" (both 'add' and 'change') records. Changing this analysis will allow all crash and inspection records uploaded to MCMIS within a specific timeframe to be evaluated. Previous releases only included 'add' records.

*December 23, 2004*

The crash and roadside inspection accuracy measures will include interstate carriers and intrastate hazardous material carriers in its analysis to determine the percentage of records reported in the MCMIS database that were matched to a motor carrier in MCMIS. Previous releases only included interstate carriers.